

SUKHAREV, G.V.

Measuring ruler for electrocardiograms. Sov.med. 17 no.10:34 0 '53.  
(MIRA 6:10)

1. TSentral'naya K~~is~~lovodskaya sanatoriya VMS. (Electrocardiography)

SUKHAREV, G.V.

Pelger's anomaly. Ter. arkh., Moskva 25 no.2:68-70 Mar-Apr 1953.  
(GLML 24:3)

1. Kislovodsk.

Sukharev, G.V.

SUKHAREV, G.V.

Early diagnosis of Botkin's disease. Klin.med. 35 no.8:97-99 Ag '57.  
(HEPATITIS, INFECTIOUS, diag. (MIRA 10:11)  
early diag.)

SUKHARBY, G.V.

Some problems in the methodology of determining the rate of blood  
coagulation. Lab.delo 6 no.1:26-27 Ja-Fe '60. (MIRA 13:4)  
(BLOOD--COAGULATION)

S/085/61/000/003/001/001  
A110/A133

AUTHOR: Sukharev, I., Engineer

TITLE: Aircraft control systems

PERIODICAL: Kryl'ya rodiny, no. 3, 1961, 24 - 25

TEXT: The author reviewing briefly the basic principles of piloting describes three new control systems. The aerodynamic compensation system of ailerons is characterized by compensation with the aid of inset hinges and a servo tab on the aileron which moves automatically opposite to the latter. This system ensures a uniform distribution of air pressure on the entire surface of the aileron and, reducing the hinge moment of the aileron, makes the handling of the control wheel easier. The compensation by inset hinges increases if the slot between the wing and the aileron is covered with elastic fabric. For higher flying speeds an adjustable hydraulic amplifier has been developed which, together with the pilot's steering force compensates the aerodynamic pressure on the aileron. For near-sound speed flights an irreversible twin chamber hydraulic amplifier has been developed. The steering of the slide valve is actuated by a spring control depending on the flight speed, altitude and angle of lock of the elevator. During

Card 1/2

SUKHAREV, I

SUKHAREV, I., brigadir splavshchikov.

Log driving in floating. Mast.lesa. no.4:7-8 Ap '57. (MIRA 10:10)

1. Shuyskaya splavnaya kontora.  
(Lumber--Transportation)

1. SUKHAREV, I. A.
2. USSR (600)
4. Screw-cutting machine
7. Roller system of thread cutting. Stan. i instr., 23, No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

SUKHAREV, I. A

AID P - 5192

Subject : USSR/Engineering  
Card 1/1 Pub. 103 - 14/24  
Authors : Ligskiy, Yu. D., and I. A. Sukharev  
Title : Mechanization of sharpening and honing of cutting blades  
Periodical : Stan. i instr., 7, 37-38, J1 1956  
Abstract : The method and equipment for centralized mechanical shaprening and re-sharpening of dull cutters and the honing of various cutting blades, including those made of ceramics, are described. Four drawings.  
Institution : None  
Submitted : No date

USSR/Geophysics - Irrigation

Jun 51

"Irrigation in Voronezh Oblast," I. P. Sukharev,  
Cand Tech Sci

"Gidrotekh i Mellorat" No 6, pp 23-28

On irrigated lands of many kolkhozes in Voronezh  
Oblast light crop yields were obtained in 1950:  
23-25 centner/hectare yields of wheat on 10 to 80-  
hectare areas when irrigated 2-3 times; 360-400  
centner/hectare yield of sugar beets and up to 3  
centner/hectare yields of perennial grass seeds  
with irrigation. However, yield of wheat was only  
10-12 centners/hectare without irrigation.

186T32

USSR/Geophysics - Irrigation (Contd) Jun 51

Analyzes crop yields vs frequency of irrigation  
and time of irrigation, to det optimum use of  
irrigation water.

186T32

SUKHAREV, I. P.

176150

~~SUKHAREV, I. P.~~ SUKHAREV I. P.

USSR/Hydrology - Ponds

Feb 51

"Construction of Ponds in Kamennaya Steppe and Some Indicators of Their Character," I. P. Sukharev

"Gidrotekh i. Meliorat" Vol III, No 2, pp 3-15

Council of Ministers decided on 20 Oct 48 to construct 44,228 ponds in steppe and forest regions by 1955. Previous works described and illustrated.

176T50

SUKHAREV, I. P. ; SUKHAREVA, YE. M.

Voronezh Province - Irrigation

Findings on irrigation in Voronezh Province.  
Gidr. i mel. 4, No. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 1952 ~~1953~~, Uncl.

SUKHAREV, I. P.

PA 227T39

USSR/Geophysics - Afforestation

Jun 52

"Forest-Protected Zones Around Ponds and Reservoirs,"  
I.P. Sukharev, Cand Tech Sci

"Gidrotekh i Melio" No 6, pp 3-9

Observations conducted in the Kamennaya Steppe in the course of 4-7 yrs on afforested ponds and steppe ponds showed that evapn is ordinarily 25-30% less than in the case of ponds without forest protection. The comparative study was made with the Bol'sheozher Pond, which was constructed and afforested by Prof V.V. Dokuchayev during a 1893 expedition there. Describes a pond constructed in 1805.

227T39

SUKHAREV, I.

Irrigation Farming

Watering farm crops. Kolkh. proizv. 12, No. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

SUKHAREV, I. P.

Oroszenie v Voronezhskoi oblasti [Irrigation in Voronezh Province]. Voronezh, oblastnoe izd-vo, 1953. 136 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 5, August 1953.

SUKHAROV, I.P.

Pumping Stations

Use of mobile pumping stations for irrigating agricultural crops in the central black-earth zone of the U.S.S.R. Gidr. i mel. 5, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

SUKHARKV, I.P.; SUKHAREVA, Ye.M.

Effect of cultivation practices on soil water absorption [with summary  
in English]. Pochvovedenie no.3:95-104 Mr '58. (MIRA 11:4)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva tsentral'no-  
chernozemnoy polosy im. V.V. Dokuchayeva.  
(Soil absorption) (Tillage)

SUKHAREV, I.P.

Silting of ponds in the southeastern part of the Voronezh Province.  
Trudy Lab. ozeroved. 7:26-30 '58. (MIRA 11:10)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva.  
(Voronezh Province--Silt)

SUKHAREV, I.P.

Depth of moisture penetration in irrigated Chernozem soils.  
Pochvovedenie no.1:26-35 Ja '60. (MIRA 13:5)

1. Kurskiy sel'skokhozyaystvennyy institut.  
(Soil moisture) (Chernozem soils)

SUKHAREV, I. P. Doc Agr Sci -- "Improvement methods of controlling drought  
and soil erosion and regulating <sup>on of runoff</sup> local ~~drainage~~ waters. (According to the example  
of the Kamennaya Steppe." Kursk, 1961 (Soil Inst im V. V. Dokuchayev, Acad Sci  
USSR.). (KL, 4-61, 205)

273  
- - -

SUKHAREV, I.P.

Water balance in ordinary Chernozems of the Kamennaya Steppe.  
Pochvovedenie no. 2:33-43 F '61. (MIRA 14:2)

1. Kurskiy sel'skokhozyaystvennyy institut.  
(Kamennaya Steppe—Soil moisture)

SUKHAREV, I.P.

Experimental investigation of the transformation of maximum discharges  
of reservoirs and ponds. Meteor. i gidrol. no.12:35-40 D '61.  
(MIRA 14:11)

(Hydrology)

TOPIC TAGS: plate buckling, Moire pattern, wedged plate  
reflexed wedged plate, Moire band

SUKHAREV, I.P., inzh.; USHAKOV, B.N., inzh.

Using the moire method in investigating the bending of  
elastic plates. Vest.mashinostr. 45 no.10:39-41 0 '65.  
(MIRA 18:11)

SUKHAREV, I.P., inzh.

Using the moire reflection method in investigating the  
bending of plates with variable rigidity. Rasch.na prochn.  
no.11:396-418 '65.

(MIRA 19:1)

SUKHAREV, L. A.

PA 41E4

USSR/Astronomy

Jan/Feb 1948

"The Principal Advantages and Structural Properties of a Horizontal Meridian Instrument," L. A. Sukharev, 6½ pp

"Astr Zhur" Vol XXV, No 1

General description of the instrument and describes errors which may occur with its use. Considers instrument as only an interim measure, and further research necessary.

41E4

SUKHAROV, L.A.

Problem of meridian instruments. Usp.astron.nauk 6:163-180 '54.  
(Astronomical instruments) (MLRA 7:8)

SUKHAREV, L.A.; TIMASHKOVA, G.M.

Starting systematic observations on the horizontal meridian  
instrument. Izv.GAO 21 no.2:129-133 '58. (MIRA 13:4)  
(Transit circle)

SUKHAREV, L.A.

Theory of a horizontal meridian instrument. Izv. GAO 22  
no. 1:38-48 '60. (MIRA 13:12)  
(Transit circle)

SUKHAREV, L. N., CAN PHYS-MATH SCI, " <sup>Joint</sup> SIMULTANEOUS DETERMI-  
NATION OF THE LATITUDE OF A PLACE AND THE CORRECTION OF  
CLOCKS BASED ON OBSERVATIONS OF FOUR STARS AT EQUAL <sup>elevations</sup> ~~HEIGHTS~~.  
[KAZAN'], 1960. (MIN OF HIGHER AND SEC SPEC ED RSFSR. KAZAN'  
ORDER OF LABOR RED BANNER STATE UNIV IM V. I. UL'YANOV-LENIN).  
(KL, 2-61, 199).

SUKHAREV, L.N.

Simultaneous determination of the latitude and clock correction  
from observations of four stars at equal altitudes. Astron.  
zhur. 37 no.3:555-566 My-Je '60. (MIRA 13:6)

1. Novosibirskiy inzhenerno-stroitel'nyy institut imeni V.V.  
Kuybysheva.

(Astronomy, Spherical and practical)

1412 1413+2 34  
0000 0000#

SOURCE Ref. zh. Geodeziya. Otch. vyp. Abs. 2.12.1963

AUTHOR Sul'tarev, L. N.

TITLE: Change of four stars in latitude

CITED SOURCE Izv. Astron. Engel'gardtovsk. observ. Kasansk. ur-ba, no. 34, 1963, 148-158

The author describes a method for determining the time, determination, zenith distance, and azimuth of stars.

The author (Sul'tarev, L. N., 1963, no. 34) describes a method for determining the time, determination, zenith distance, and azimuth of stars. The computation method is based on the following formulas:

SUKHAREV, M.

Honorary titles. Kryl. rod. 15 no.5:7 My '64. (MIRA 17:8)

SUKHAREV, M., sud'ya vsesoyuznoy kategorii

Wings of experts. Kryl. rod. 15 no.12:12-13 D '64.

(MIRA 18:3)

SURNAROV, M., sud'ya vsesoyuznoy kategorii

Novosibirsk names the winners. Kryl. red. 16 no.9:8 S '65.  
(MIRA 18:12)

Sukharev, M. F.

AID P - 2722

Subject : USSR/Chemistry  
Card 1/1 Pub. 78 - 19/27  
Authors : Sukharev, M. and Abezgauz, I.  
Title : Methods of cleaning ozocerite  
Periodical : Neft. khoz., v. 33, #6, 78-79, Je 1955  
Abstract : The author reviews the article of Yu. V. Soldak  
"New method of ozocerite cleaning" published in this  
journal, #12, 1954, analyses the suggested method,  
and proposes some changes.  
Institution : TsIATIM (Central Scientific Research Institute of  
Aviation Fuels and Oils)  
Submitted : No date

BARANOVSKIY, Nikolay Fedorovich; SUKHAREV, Mikhail Fedorovich; BORODULINA,  
K.M., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Ozocerite; extraction, processing, and use] Ozokerit; dobycha,  
pererabotka i primeneniye. Moskva, Gos. nauchno-tekhn.izd-vo neft.  
i gorno-toplivnoi lit-ry, 1959. 205 p. (MIRA 12:1)  
(Ozocerite)

BOYKOV, A.G., inzh.; UTKIN, V.V., inzh.; SUKHAREV, M.F., inzh., nauchnyy red.; TABUNINA, M.A., red.izd-va; RUDAKOVA, N.I., tekhn.red.

[Heat insulation operations] Teploizoliatsionnye raboty. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1960. (MIRA 14:4)  
242 p.

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye teplotekhnicheskikh i termoizolyatsionnykh rabot.  
(Insulation (Heat))

S/081/61/000/003/014/019  
A166/A129

**AUTHOR:** Sukharev, M. F.

**TITLE:** Determining the melting point of solid hydrocarbons by the differential-thermal method

**PERIODICAL:** Referativnyy zhurnal. Khimiya, no. 3, 1961, 481, abstract 3M291.  
(Tr. Vses. neftegaz. n.-i. in-ta, 1960, no. 27, 47 - 59)

**TEXT:** The mechanism of the melting and solidification processes in solid hydrocarbons is reviewed and the technique for determining the melting point by the differential-thermal method (DTM) is described. The author gives the results of tests to determine the melting point of Shor-Su ceresin, Drogobych paraffin, Dzvinych ozocerite and synthetic ceresin by DTM. The use of DTM was found to make possible: a profounder study of wax compositions; a study of the processes accompanying phase changes; determination of the true melting point of the base products and their fractions; an approximate judgement as to the presence of solid solutions or mechanical mixtures in wax products.

Summary by A. Shakhov

[Abstracter's note: Complete translation]

Card 1/1

8/081/61/000/003/010/019  
A166/A129

**AUTHOR:** Sukharev, M. F., Beyder, S. Ya.

**TITLE:** The separation of solid hydrocarbons by the extractive crystallization method. I.

**PERIODICAL:** Referativnyy zhurnal. Khimiya, no. 3, 1961, 472, abstract 3M198.  
(Tr. Vses. neftegaz. n.-i. in-ta, 1960, no. 27, 86 - 94)

**TEXT:** Natural Shor-Su ceresin (melting point 81°C), synthetic ceresin (melting point 87°C) and narrow fractions of these ceresins were subjected to separation by complex formation with thiourea. Hydrocarbons (H-1) which form a complex with thiourea proved to have a higher melting point and a higher molecular weight than hydrocarbons (H-2) which do not enter into complex formation with thiourea. Thus, from single processing with thiourea the following substances were obtained: from Shor-Su ceresin a 51% mixture of H-1 with a melting point of 87°C and a molecular weight of 615, and a 49% mixture of H-2 with a melting point of 62°C and a molecular weight of 554; from synthetic ceresin a 61.6% mixture of H-1 with a melting point of 89°C and a molecular weight of 581, and a 38.4% mixture of H-2 with a melting point of 56°C and a molecular weight of 390. Chromatography of the

Card 1/2

The separation of solid hydrocarbons by the...

S/081/61/000/003/010/019  
A166/A129

isolated H-1 and H-2 mixtures on silica gel showed that both the H-1 and H-2 mixtures consisted of methane-naphthene hydrocarbons, but the H-2 had a higher refractive index than H-1. The authors assume that, with the help of thiourea, the hydrocarbons separate according to the size of the molecule and not according to the molecular structure.

Summary by A. Ravikovich

[Abstracter's note: Complete translation]

Card 2/2

SUKHAREV, M.F., inzh.; MAYZEL', I.I., inzh.

Fire resistant perlitic concrete. Stroi. mat. 9 no.8:  
24-27 Ag'63. (MIRA 17 5)

MAYZEL', Igor' Lazarevich; SUKHAREV, Mikhail Fedorovich

[Fireproof perlite insulating concrete] Zharouporryi  
teploizolatsionnyi perlitobeton. Moskva, Stroiizdat,  
1965. 125 p. (MIRA 18:10)

ACC NR: AM6006275

(A)

Monograph

UR/

Mayzel', Igor Lazarevich; Sukharev, Mikhail Fedorovich

Heat-resistant insulating perlite concrete (Zharouporny teploizolyatsionny perlitobeton) Moscow, Stroyizdat, 65. 0125 p. illus., biblio., plates. (At head of title: Gosudarstvennyy proizvodstvennyy komitet po montazhnym i spetsial'nyim stroitel'nyim rabotam SSSR. Glavteplomontazh. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut. Errata slip inserted. 8,000 copies printed.

TOPIC TAGS: concrete, refractory product, nonclay refractory product, silicate, alumina, cement, construction material

PURPOSE AND COVERAGE: The main problems involved in production and use of heat-resistant insulating perlite concrete are explained. Methods for investigating and selecting the compositions of perlite concrete based on hydraulic cements and on water glass are presented. Specifications are given for selecting proper perlite concretes to be used as heat insulating materials and in construction and lining of high temperature structures. Physical and chemical properties of perlite concretes and their stability under various conditions are analyzed, and examples are given illustrating their uses as chimney flue liners and in various furnaces. Production

Card 1/2

UDC: 693.5:699.86

SUKHAREV, M.G.

Approximate calculation of the interference of wells in nonsteady  
state flow. Izv. vys. ucheb. zav.; neft' i gaz 2 no.6:53-57 '59.  
(MIRA 12:10)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.  
(Oil reservoir engineering)

SUKHAREV, M.G.

Creating an underground gas reservoir in water-bearing layers by  
pumping and releasing air prior to filling with gas. Gaz. prom.  
4 no.11:48-50 '59. (MIRA 13:2)  
(Gas, Natural--Storage)

YENTOV, V.M.; SUKHAREV, M.G.

Self-modeling case of plane-radial nonstationary flow with a non-linear law of resistance. Izv. vys. ucheb. zav.; neft' i gaz. 8  
no.4:57-63 '65. (MIRA 18:5)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti  
im. akademika I.M.Gubkina.

SUKHAROV, M.G.

Calculating gas-gathering networks on computers. Izv. vys. ucheb. zav.;  
neft' i gaz 8 no.5:48-52 '65. (MIRA 18:7)

1. Moskovskiy institut nef'tekhnicheskoy i gazovoy promyshlennosti  
im. akad. I.M.Gubkina.

SALY, A.K.; SURBANEV, M.G.

Determining the optimal parameters of a gas pipeline using an  
electronic computer. Gaz. prom. 10 no.4:40-44 '65.

(MIRA 18:5)

MAKHOLOV, Ye.R.; SUKHANOV, M.S.

Universal program for calculating gas-gathering systems. Gaz.  
prom. 10 no.7:10-11 '65. (MIRA 18:5)

S/191/63/000/003/018/0222  
B101/B186

AUTHORS: Miroljubov, I. N., Sukharay, M. G.

TITLE: Mechanical properties of tubes made of low-density polyethylene containing fillers

PERIODICAL: Plasticheskiye massy, no. 3, 1963, 62 - 65

TEXT: Experiments on tubes made of polyethylene (PE), filled with 10 or 25% M5-60 (M5-60) or П3-50 (P3-50) asbestos or 10% glass rove, were conducted by the Okhtinskiy khimicheskiy kombinat (Okhta Chemical Combine) and the Leningradskiy NII Akademii Kommunal'nogo khozyaystva im. K. D. Pamfilova (Leningrad Scientific Research Institute of the Academy of Municipal Services imeni K. D. Pamfilov) with the object of improving the heat resistance of such tubes. P3-50 asbestos was found to be the most suitable. PE containing 25% Pe-50 asbestos had an intrinsic viscosity of 1.6-2.0. Tests with 10% asbestos were also made, since filling with 25% asbestos caused porosity. Fillers were added by rolling for 40 min at 160°C. The authors tested the maximum pressure endured by the tubes, tensile strength, and temperature coefficients  $\tilde{\sigma}_t/20$  of the tubes. Results:  
Card 1/3

Mechanical properties of ...

S/191/63/000/003/018/022  
B101/B186

Material	D/dφ, g/cm <sup>3</sup>	E, kg/cm <sup>2</sup>	tensile strength $\bar{\sigma}_t$					
			t=20°C	t=50°C	t=80°C	$\bar{\sigma}_{50/620}$	$\bar{\sigma}_{80/20}$	
pure PE	16/11 0.96	0.72·10 <sup>4</sup>	186	101	65.5	0.54	0.35	
PE reinforced by 10% asbestos	25/16 1.01	1.62·10 <sup>4</sup>	238	137	78	0.57	0.33	
PE reinforced by 25% asbestos	16/12 1.06	2.3·10 <sup>4</sup>	274	148	83	0.54	0.30	
PE reinforced by 10% glass	25/15 1.11	1.81·10 <sup>4</sup>	197	124	76	0.63	0.39	

D/d = outer : inner diameter. Creeping tests of pure PE under a load of 103 kg/cm<sup>2</sup> yielded a relative elongation of approximately 22% after 500 hrs, creeping tests of PE reinforced by 25% asbestos under a load of 138 kg/cm<sup>2</sup> yielded ~6% after 500 hrs. The long-life strength of reinforced PE at 20 - 80°C yielded higher values than that of pure PE. Reinforced PE, less expensive than pure PE, can be processed and welded just as easily. The Card 2/3

L 8483-65 EPA(s)-2/EWT(m)/EPF(c)/EPR/EWP(j)/T/EWP(q)/EWP(b) Pc-4/Pq-4/  
Pr-4/Pa-4/Pt-10 RSD(ga)/RSD(t) WW/RM/WH  
Accession No: AP4045020 0191/64/000/009/0023/026

AUTHOR: Sukharev, M. G.

Heat resistance and low-temperature resistance of low-pressure polyethylene with mineral fillers

TOPIC TAGS: polyethylene, low pressure polyethylene, filled polyethylene, filler, asbestos, glass fiber

ABSTRACT: The physicomechanical properties of unfilled low-pressure polyethylene deteriorate at higher temperatures. These properties can be improved by the addition of inorganic fillers. The author has studied the effect of such fillers as asbestos and glass fiber on the tensile strength, modulus of elasticity, and low-temperature resistance of low-pressure polyethylene. The results (see Figs. 1, 2, and 3 of the Enclosure) are given both for unfilled polyethylene and for polyethylene filled with asbestos ("Asbopolyethylene") and glass fiber ("Glass Polyethylene"). These results indicate that the greatest property changes occur at 0-20C, and that filling of polyethylene parts designed for

Card 1/3

I 8483-65

ACCESSION NR: AP4045020

low-temperature service is not expedient. The ability of unfilled and filled polyethylene to retain a given property at high or low temperatures has been evaluated from the coefficients of heat resistance K. Dependences of K on temperature are given in the form of graphs. Orig. art. has: 6 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00

ATD PRESS: 3104

ENCL: 03

REF: 001

2-5

SUKHAREV, M.I., inzh.

Determining the falling out of threads from light dress-fabric  
cuts. Izv. vys.ucheb.zav.; tekhn.leg. prom. no.1:97-101 '58.

(MIRA 11:6)

Leningradskiy tekstil'nyy institut im. S.M. Kirova.  
(Textile fabric--Testing)

SUKHAREV, M.I., dots.

Effect of light and atmospheric conditions on the shrinkage  
and strength of fabrics made of staple viscose fibers. Izv.vys.  
ucheb.zav.; tekhn.leg. prom. no.4:113-121 '58. (MIRA 11:12)

Leningradskiy tekstil'nyy institut imeni S.M. Kirova.  
(Synthetic fabrics--Testing)

SLEPAKOV, B.G., kand.tekhn.nauk; SUKHAREV, M.I., kand.tekhn.nauk

New classification for staple fabrics. Tekst. prom. 18  
no.9:62 S '58. (MIRA 11:10)  
(Textile fabrics)

SUKHAREV, M.I., kand.tekhn.nauk; KARASEV, V.K., kand.tehh.nauk; PAVLOV, A.I.;  
kand.tekhn.nauk. dots.; VADIMOVICH, I.I., kand.tekhn.nauk, dots.  
KOVALSKIY, A.G., inzh.; ZORUK, V.L., inzh.

"Fabrics for the clothing industry" by T.A.Modestova, L.N.  
Flerova, B.A.Buzov. Reviewed by M.I.Sukharev and others. Izv.  
vys.ucheb.zav.; tekhn.prom. no.2:111-116 '59.  
(MIRA 12:10)

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova (for  
Sukharev, Karasev). 2. Kiyevskiy tekhnologicheskii institut  
legkoy promyshlennosti (for Pavlov, Vadimovich, Koval'skiy  
Zoruk).

(Textile fabrics) (Clothing industry) (Modestova, T.A.)  
(Flerova, L.N.) (Buzov, B.A.)

SUKHAREV, M.I., kand.tekhn.nauk, dotsent

Imparting stiffness to men shirts' collars. Izv.vys.ucheb.zav.;  
tekh.leg.prom. no.3:155-156 '60. (MIRA 13:8)

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova. Rekomendovana  
kafedroy shveytnogo proizvodstva.  
(Shirts, Men's)

SUKHAREV, M.I., kand.tekhn.nauk, dotsent

Effect of laundering on the absorption properties of fabrics made  
from staple fibers. Izv.vys.ucheb.zav.; tekhn.prom. no.4:65-69  
'60. (MIRA 13:10)

1. Leningradskiy tekstil'nyy institut imeni S.M.Kirova. Rekomendovana  
kafedroy shveytnogo proizvodstva.  
(Textile fabrics) (Hygroscopicity)

SUKHAREV, Mikhail Ivanovich, kand. tekhn. nauk; FEDOSEYEVA, Larisa  
Semenovna, inzh.; BYKASOVA, G.I., red.; FREGER, D.P., red.  
izd.-va; BELOGUROVA, I.A., tekhn. red.

[Use of nonwoven fabrics (fibrous paper type) in the  
manufacture of men's jackets] Ispol'zovanie netkanykh materialov  
(tipe voloknistoi bumagi) pri izgotovlenii muzhskogo pidzhaka.  
Leningrad, 1961. 18 p. (Leningradskiy Dom nauchno-tekhnicheskoi  
propagandy. Obmen peredovym opytom. Seriya: Shveinaiia pro-  
myshlennost', no.5) (MIRA 15:3)  
(Tailoring) (Nonwoven fabrics)

SMIRNOVA, Rufina Sergeevna; GUSAROVA, Ol'ga Ignat'yevna; SUKHAREV,  
M.I., kand. tekhn. nauk, red.; SHILLING, V.A., red.izd-va;  
GVIRTS, V.L., tekhn. red.

[Design and construction of light children's clothing graded by  
age and size; report transcript] Konstruirovaniye osnovnogo det-  
skogo legkogo plat'ia po vozrastnym gruppam i rostam; stenogram-  
ma doklada. Leningrad, Leningr. Dom nauchno-tekhn. propagandy,  
1961. 40 p. (MIRA 14:12)

(Children's clothing)

SMIRNOVA, Rufina Sergeyevna; GUSAROVA, Ol'ga Ignat'yevna; SUKHAREV,  
M.I., kand. tekhn. nauk, red.; FREGER, D.P., red.izd-va;  
BELOGUROVA, I.A., tekhn. red.

[Pattern design for three (small, medium and large) sizes of  
women's dressmaker-type clothing]Konstruirovaniye legkogo zhen-  
skogo platia na tri polnoty. Leningrad, 1962. 43 p.  
(MIRA 15:9)

(Dressmaking--Pattern design)

KAPITSYNA, Ol'ga Leont'yevna; YEGOROVA, Nina Ivanovna; SUKHAREV,  
M.I., kand. tekhn. nauk, red.; FREGER, D., red. ~~izd-vr;~~  
GVIRTS, V.L., tekhn. red.

[Standardization of shirt parts; experience of the "Krasnaia  
Rabotnitsa" Clothing Factory in Leningrad] Unifikatsiia deta-  
lei verkhnikh sorochek; opyt raboty leningradskoi shveinoi  
fabriki "Krasnaia rabotnitsa." Leningrad, 1962. 16 p. (Le-  
ningradskii dom nauchno-tekhnicheskoi propagandy. Obmen pere-  
dovym opytom. Seria: Shveinaia promyshlennost', no.4)

(MIRA 16:3)

(Leningrad--Shirts, Men's)

SUKHAREV, M.I., kand.tekhn.nauk

Some physical and mechanical properties of nonwoven materials.  
Izv.vys.ucheb.zav.; tekhn.prom.no.1:50-55 '62. (MIRA 15:2)

1. Leningradskiy tekstil'nyy institut imeni S.M.Kirova. Rekomendovana  
kafedroy tekhnologii shveytnogo proizvodstva.  
(Nonwoven fabrics)

SUKHAREV, M.I., dotsent, kand.tekhn.nauk

"Guide to fabrics for the clothing industry," textbook by  
N.N. Pozhidaev and others. Reviewed by M.I. Sukharev.  
Izv.vys.ucheb.zav.;tekh.leg.prom. no.2:146-149 '62. (MIRA 15:5)  
(Textile fabrics)  
(Pozhidaev, N.N.)

SUKHAREV, M. I., kand. tekhn. nauk, dotsent

Comparison of the physical and mechanical characteristics of  
some types of artificial fur. Izv. vys. ucheb. zav.; tekhn. leg.  
prom. no.4:32-36 '62. (MIRA 15:10)

1. Leningradskiy tekstil'nyy institut imeni S. M. Kirova.  
Rekomendovana kafedroy tekstil'nogo materialovedeniya.

(Artificial fur--Testing)

SUKHAREV, M.I., kand. tekhn. nauk; KRYACHKOV, L.V., inzh.;  
LIANDZBERG, G.Ya., red.; FREGER, D.P., red. izd-va;  
BELOGUROVA, I.A., tekhn. red.

[Use of polyethylene interfacing in the manufacture of  
men's shirts] *Primenenie polietilenovoi plenki pri iz-*  
*gotovlenii muzhskikh sorochek. Leningrad, 1963. 15 p.*  
*(Leningradskii dom nauchno-tekhnicheskoi propagandy.*  
*Obmen peredovym opytom. Seriya: Shveinoe proizvodstvo,*  
*no.5) (MIRA 16:7)*

(Shirts, Men's) (Polyethylene)

SUKHAREV, M.I., kand. tekhn. nauk, dotsent; KRYACHKOV, L.V., inzh.

Characteristics of the adhesive bonding of fabrics obtained  
with polyethylene films. Izv. vys. ucheb. zav.; tekhn. leg.  
prom. no. 3:85-92 '63. (MIRA 16:7)

1. Leningradskiy tekstil'nyy institut imeni Kirova. Rekomendo-  
vana kafedroy materialovedeniya.  
(Adhesion) (Textile fabrics)

SAVINA, Zoya Georgiyevna; SUKHAREV, Mikhail Ivanovich; SHMEL'KIN,  
Abram Fayvanovich; NIKOLAYEVA, N.G., red.; SINEL'NIKOVA,  
T.S.B., red.

[Guide for laboratory and practical studies of manufactured  
goods] Rukovodstvo k laboratornym i prakticheskim zaniatiyam  
po tovarovedeniiu promyshlennykh tovarov. Moskva, Ekonomika,  
1965. 230 p. (MIRA 1814)

L 43729-66 EWT(m)/EWP(j)/T/EWP(y) IJP(c) RM /AW  
ACC NR: AP6023402 (A) SOURCE CODE: UR/0323/66/000/002/0051/0054 3/2B

AUTHOR: Sukharev, M. I. (Candidate of technical sciences, Docent); Fedoseyeva, L. S.  
(Engineer)

ORG: Leningrad Institute of the Textile and Light Industry im. S. M. Kirov (Leningradskiy institut tekstil'noy i legkoy promyshlennosti)

TITLE: General conditions for testing glued nonwoven materials

SOURCE: IVUZ. Tekhnologiya legkoy promyshlennosti, no. 2, 1966, 51-54

TOPIC TAGS: adhesive, textile, sorption

ABSTRACT: In recent years the Soviet industry has mastered the production of new textile articles, including glued nonwoven materials. They consist of textile fibers glued together by various latexes. The sorption properties of the latter are somewhat different from those of textile fibers. Furthermore, it is known that all glued nonwoven materials lose up to 50-60% of their strength with an increase of their water content and when they become wet. Therefore the purpose of this study was to investigate the sorption properties of glued nonwoven materials and to elicit the time required to reach an equilibrium water content of these materials during absorption and loss of water. Glued nonwoven materials differing in fiber

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of glued nonwoven materials, five strips (50 x 200 mm) should be cut out for each type of test.  
Orig. art. has: 3 tables.

SUB CODE: 11/ SUBM DATE: 04Nov65/ ORIG REF: 003

Card 3/3

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ACC NR: AP6023404

0

However, the role of the nap markedly increases and the heat protection properties are appreciably better if the material is arranged with the nap inward, toward the heated surface. This fact should be taken into account when using materials with a nap as heat-insulating linings. The tensile strength for specimens with a nap has an intermediate value, being greater than for the base material but less than for the material with the adhesive layer. The application of a nap appreciably increases shear resistance. The noticeable increase in the rigidity of the material with a nap that was observed in the investigation was explained primarily by the rigidity of the adhesive layer and to a negligible degree by the presence of the nap. These factors respectively explain the decrease of drape and increase of crinkling when a nap is applied. In the investigation of wear resistance based on the number of cycles to complete failure of the specimens it was noted that the number of cycles of the material with a nap appreciably exceeded the other two structures (e.g., it was 500 times greater than for the base material). This is explained by the fact that during wear the surface of the material and the surface of the abrasive are clogged when the nap breaks. A study of folding wear resistance showed that the adhesive layer and nap permit an appreciable increase of this index. Orig. art. has: 1 table and 1 figure.

SUB CODE: 11/ SUB DATE: 05Feb66/ ORIG REF: 003

Card 2/2 hs

SUKHAREV, N.; BULYCHEVA, O.; BELENKOV, E.

Rapid method for determining the moisture content of meat.

Mias. ind. SSSR 32 no.1:11-13 '61.

(MIRA 14:7)

(~~Meat~~-Drying)

SUKHAREV, N.; BULYCHEVA, O.; SHMELEVA, V.

Rapid method for determining moisture content in by-products  
and bones. Mias. ind. SSSR 34 no.5:51 '63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy  
promyshlennosti.

A Method for Preparing Negatives to Be Used for Making Ground Printing Plates (Method of Layer Stripping) SOV/6-59-11-16/21

with a coloring agent soluble in fat, using a tampon. The negative layer has the characteristic that it is easily to be removed between closed lines (at lakes, double roads, rivers, districts, etc). There is a detailed description of the method. The article contains a description of the preparation of the negative and the procedure of stripping off the layer. The advantages of the described method are listed and recommendations are made as to the operational details.

Card 2/2

SUKHAREV, N.N., kandidat tekhnicheskikh nauk; NAUMOV, I.M., gornyy inzhener.

Operating trolley trucks in open pits of the Boguraevsk mine.  
Mekh.trud.rab.8 no.1:22-24 Ja-F '54. (MLRA 7:2)  
(Mine haulage)

SUKHAREV, N.N., kandidat tekhnicheskikh nauk; NAUMOV, I.M., gornyy  
inzhener.

Determining the spacing of charges in surface blasting operations.  
Mekh.trud.rab.8 no.1:24-25 Ja-F '54. (MIRA 7:2)  
(Blasting)

SUKHAREV, O.

Give continual attention to industrial hygiene. Sov.profsoiuzy  
16 no.16:34-35 Ag '60. (MIRA 13:8)

1. Predsedatel' komiteta profsoyuza Penzenskogo dizel' nogo  
zavoda.

(Penza--Industrial hygiene)

SUKHARIN, G.V.; GYROMYNTIKOV, A.A.

Device for testing wire insulation. Avtor. i prib. no.2:55-57  
Ap-ife '63. (MIRA 18:3)

SUKHAREV, O.V.

Testing TSSh VP-180/6-type mobile substations in Karaganda  
mines. Nauch. trudy KNIUI no. 11:94-104 '62. (MIRA 17:7)

SUKHAREV, P.A.

Power balance of the spindle in vertical-spindle cotton pickers and  
the strains in bearings. Trudy TIIIIMSKH no.19:67-92 '62. (MIRA 17:1)

SUKHAREV, P.G.

Ligation of the left common carotid artery following its injury.  
Khirurgiia no.8:70 Ag '54. (MLRA 7:11)

1. Iz Kirovskoy rayonnoy bol'nitsy Moskovskoy oblasti.  
(ARTERIES, CAROTID, wounds and injuries,  
surg., ligation)  
(WOUNDS AND INJURIES,  
carotid artery, ligation)

SUKHAROV, P.G. (Dnepropetrovsk, Oktyabr'skaya pl.14, d.1, kv.1)

Open and closed lesions of the liver. Nov. khir. arkh. no.1:112-113  
Ja-F '60. (MIRA 15:2)

1. Kafedra gospital'noy khirurgii (zav. - zasl.deyatel' nauki prof.  
T.Ye. Gnilorybcv) Dnepropetrovskogo meditsinskogo instituta.  
(LIVER\_WOUNDS AND INJURIES)

GALKIN, Rostislav Nikolayevich; RENSKIY, Nikolay Mikhaylovich;  
SADOVSKIY, G.L., retsenzent; SUKHAREV, S.I., retsenzent;  
ANTONOV, B.S., red.; ALEKSEYEV, V.I., red. izd-va; YERMAKOVA,  
T.T., tekhn.red.

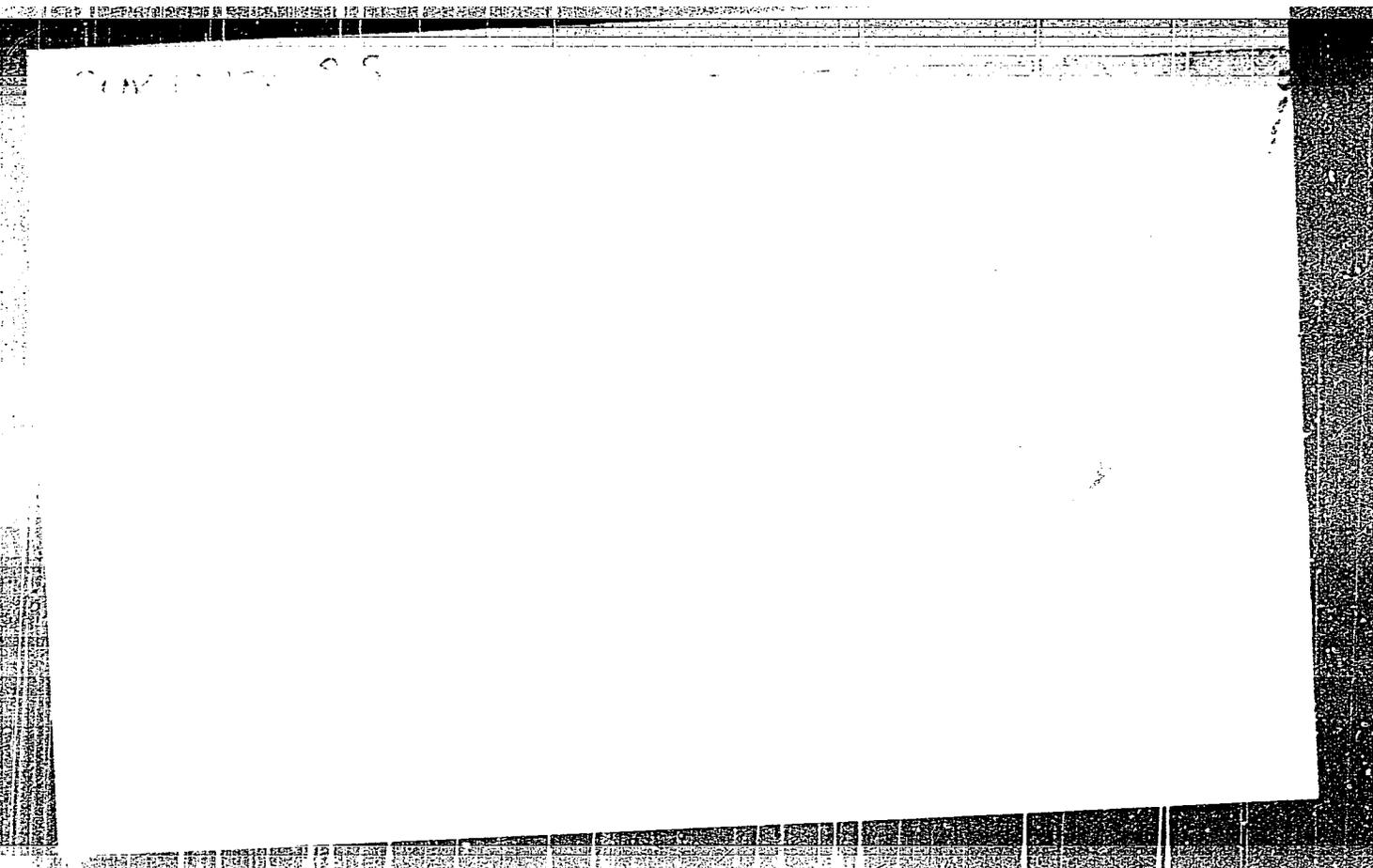
[Manual for sailors of inland transportation] Posobie dlia  
rabotnikov sudokhodnoi obstanovki. Moskva, Izd-vo "Rechnoi  
transport," 1959. 258 p. (MIRA 12:8)  
(Electricity on ships)

SHISHCHENKO, R.I.; SUKHAREV, S.S.

Effect of direct current on the properties of filter cake and the  
use of this current to free a frozen tool. Trudy KF VNIi no.11:  
41-47 '63. (MIRA 17:3)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653810012-4



APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653810012-4"

SUKHAREV, S.S.

Viscosity and density of binary systems of naphthalene with nitro derivatives  
of benzene II. Izv. AN Kazakh. SSR no. 118:32-38 '53. (MLRA 6:10)  
(Systems (Chemistry)) (Naphthalene) (Benzene derivatives)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653810012-4

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653810012-4"

Sukharev, S. S.

(3)  
Coagulation of sodium humate solutions with sodium

*Chem* 7

SUKHAREV, S. S.

USSR/Geology - Geochemistry

Card 1/1 : Pub. 22 - 33/44

Authors : Kukharonko, T. A., and Sukharev, S. S.

Title : Viscosity of alkali solutions of humic acids of solid fuels of various stages of coal-formation

Periodical : Dok. AN SSSR 98/6, 1007-1009, October 21, 1954

Abstract : The specific weight and viscosity of alkali solutions of humic acids of peat, coal, etc., was measured at various concentration of these fuel substances in the solution. The results obtained are presented in the table. Six USSR references (1935-1953).

Institution : Acad. of Sc. USSR, Mining Institute and Acad. of Sc. Kaz-SSR, The Ural-Embansk Scientific Research Station

Presented by: Academician S. I. Mironov, May 25, 1954

SUKHAREV, S. S.

Dist: BBUJ

Ion exchange in clayey solutions...  
analyses for  $Cl^-$ ,  $SO_4^{2-}$ ,  $Ca^{2+}$ ,  $Mg^{2+}$  and  $Na^+$  in clay su-  
pensions stabilized with dextrin or the Na salt of carboxy-  
methylcellulose, it was found that an ion exchange takes  
place between the solid and the liquid phases. Such a film re-

5

EM

SUKHAREV, S.S.

BEN'KOVSKIY, V.G.; KAGANSKAYA, K.A.; SUKHAREV, S.S.

Stabilization of clay solutions by dextrin. Izv. AN Kazakh. S.S.R.  
Ser.khim. no.1:76-82 '57. (MLRA 10:5)  
(Clay) (Dextrin)

SUKHAREV, S.S., KAGANSKAYA, K.A., BERIKOVSKIY, V.G.

Stabilization of drilling muds by a seaweed reagent. Trudy Inst.  
nefti AN Kazakh. SSR 2:61-71 '58. (MIRA 11:8)  
(Seaweed)  
(Oil well drilling fluids)

SUKHAREV, S.S., BEN'KOVSKIY, V.G.

Coagulation of sodium humates solution by sodium chloride. Trudy  
Inst. nefti AN Kazakh. SSR 2:72-76 '58. (MIRA 11:8)  
(Humates)  
(Seaweed)  
(Oil well drilling fluids)

SUKHAREV, S.S.

Frothing of drilling muds. Report No. 1: Effect of various factors  
on the frothing of waste sulfite liquor solutions. Trudy Inst.  
nefti AN Kazakh. SSR 2:77-83 '58. (MIRA 11:8)  
(Oil well drilling fluids)  
(Sulfite liquor)  
(Foam)

SUKHAREV S.S.

11(4) PHASE I ROCK EXPLOITATION SOV/2808

Академия наук Казахской ССР. Институт нефи:

Труды, т. 3 (Transactions of the Petroleum Institute, Kazakh SSR. Academy of Sciences, Vol 3) Alma-Ata, Ltd-vo AN Kazakhskoy SSSR, 1979. 163 p. 700 copies printed.

Editor: M.P. Kocotorskiy and M.Ya. Bralitskiy; Tech. Ed.: E.P. Sorokina; Editorial Board: M.A. Frenkel (Resp. Ed.), V.G. Sokolovskiy, T.N. Dzhumagaliev, and M.A. Zverzhinskiy.

PURPOSE: This book is intended for scientists, engineers, and technicians in the petroleum industry.

COVERAGE: This volume contains 15 studies on the petroleum regions of Western Kazakhstan. The following studies are of special interest: 1) exploration for water in the southern Emsa region to offset an inadequate water supply; the possibility of injecting heated water into oil-bearing formations; the possibility of heating the components of an oil-bearing formation in an electric field of high frequency current; the dielectric permeability and the tangent of the angle of dielectric loss for sands of different lithology; the permeability of mixtures and oil saturation) the electrical charges of hydraulic fracturing of formations at the Emsa oilfields, the adsorption of hydrocarbons on clay; and the effect of electrolytes on the quality of the water. No personalities are mentioned. References accompany individual articles.

Aleshin, V.M. Modes of Occurrence of Paleogene Deposits at the Southern Emsa Spill of Northwestern and Western Tajikist

Kolpakov, V.B. and D.A. Ibragimov. Certain Hydrogeological Regularities in the Southern Emsa Artesian Basin 61

Kolpakov, V.B. Ancient Delta of the Emsa River and the Genesis of the Emsa Tirasaukiya Karakumy 74

Kolpakov, V.B. Some Problems of Exploration for Water in the Southern Part of the Emsa Region 82

Arsapalyan, M.A. Thermal Flooding of Oil Horizons and Methods of Doing It 87

Arsapalyan, M.A., V.S. Valitov, and Ya.Ya. Muzrikov. Studies of High-Frequency Heating of Oil-bearing Formations 113

Arsapalyan, M.A., and M.I. Silitin. Some Results of Studying the E and G<sub>2</sub> for Sands of Different Porosity at Various Degrees of Moisture and Oil Saturation 125

Mescherbakov, S.V. Mineral Charges for Hydraulic Fracturing of Formations at the Emsa Oilfields 133

Zavorokhina, N.A., and V.G. Sokolovskiy. Adsorption of Sodium Humates in Clays 143

Kaganovaya, L.L., and S.S. Sukharev. Effect of Electrolytes on the Quality of Clay Suspensions 149

Kaganovaya, L.L., and L.I. Smayev. Studies of the Usher Paleozoic Deposits of the Aktubinskoye Priuralye by the Stuzen Sublimation Method Using Ultraviolet Rays as an Excitation Source 158

KAGANOVSKAYA, K.A.; SUKHANIEV, S.S.

Effect of electrolytes on the quality of clay suspensions.  
Trudy Inst.nefti AN Kazakh.SSR 3:149-157 '59. (MIRA 13:1)

(Clay) (Colloids)

ZAVOROKHINA, N.A.; KAGANSKAYA, K.A.; SUKHAREV, S.S.

Using combined reagents from algae of the genus fucus for stabilizing  
clay suspensions. Trudy Inst. nefti AN Kazakh.SSR 4:135-142 '61.  
(MIRA 16:4)

(Oil well drilling fluids)

SUKHAREV, S.S.

Frothing of clay muds. Trudy Inst. nefiti AN Kazakh.SSR 4:143-147 '61  
(MIRA 16:4)

(Oil well drilling fluids)

SUKHAREV, N.S.; LOZINKAYA, I.B.

Production of surface-active substances from kerosene condensate  
for the treatment of drilling muds. Khim. i tekhn. topl. i masel  
10 no.10:27-39 1965. (MIRA 19:10)

1. Krasnodarskiy filial Vsesoyuznogo naftoproizvodnogo nauchno-  
issledovatel'skogo instituta.

MOCHALOV, V.A.; MATYUSHCHENKO, D.D.; KRIVITSKIY, A.A.; GLEZER, G.N.;  
OPARIN, I.M.; KHEYMAN, E.L.; SMETNEV, N.N.; EPSHTEYN, A.L.;  
GUSEV, B.Ya.; LEYKIN, L.P.; MARCHENKO, G.M.; FISHKOV, V.G.;  
SAPROVSKIY, S.V.; LYAKHOVSKIY, I.I.; SMELYAKOV, Ye.P.; VAYNTRAUB,  
D.A.; BUDYLIN, M.M.; NOTKIN, Ye.M.; KUR, G.Ye.; ARONSHTEYN, N.A.;  
SUKHAREV, V.I.; VINOGRADOV, K.N.; BOBROVSKIY, N.S.

Innovators' certificates and patents. Mashinostroenie no. 2:  
103-109 Mr-Ap '64. (MIRA 17:5)